



New Superintendents Orientation

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National Assessment in Educational Progress (NAEP) -- 2005

State NAEP

Reading & Mathematics in Grades 4, 8, and 12

Science in Grades 4 and 8

NAEP Pilot Studies

Civics, Economics, Math, Reading, US History, and Science in
 Grades 4, 8, and 12

NAEP Science Bridge Study (4, 8 and 12)

*A student will complete ONLY a portion of ONLY one subject/test.

*Total student time is 90 minutes (+25 minutes for science experiment)

***Window for all NAEP testing is January 24 through March 5, 2004**

*Westat Inc. will schedule trained test administrators into the schools.

*Estimated participation: Grade 4 (170 to 200 schools, i.e., 50% plus);
 Grade 8 (115 schools, i.e., 98% plus); and Grade 12 (20 schools)

*Mandatory for Grades 4 and 8. Professional obligation for Grade 12.

ISAT Design: **Results for Students, Schools, Districts, and the State**



- **All schools** (including public charter schools) participate
- **All students** are tested (provisions for IEP/LEP)
- Students complete the **whole test**

NAEP Design: **Results for State and Nation**

- Only **sample of schools** in state invited to take part (“probability sample”)
- Only **sample of students** in those schools are tested
- **Students don’t take all items** (only 50 minutes of a 4 to 6 hour test)
- Student identity, by law, is **confidential**



Reading 2003, Grade 4

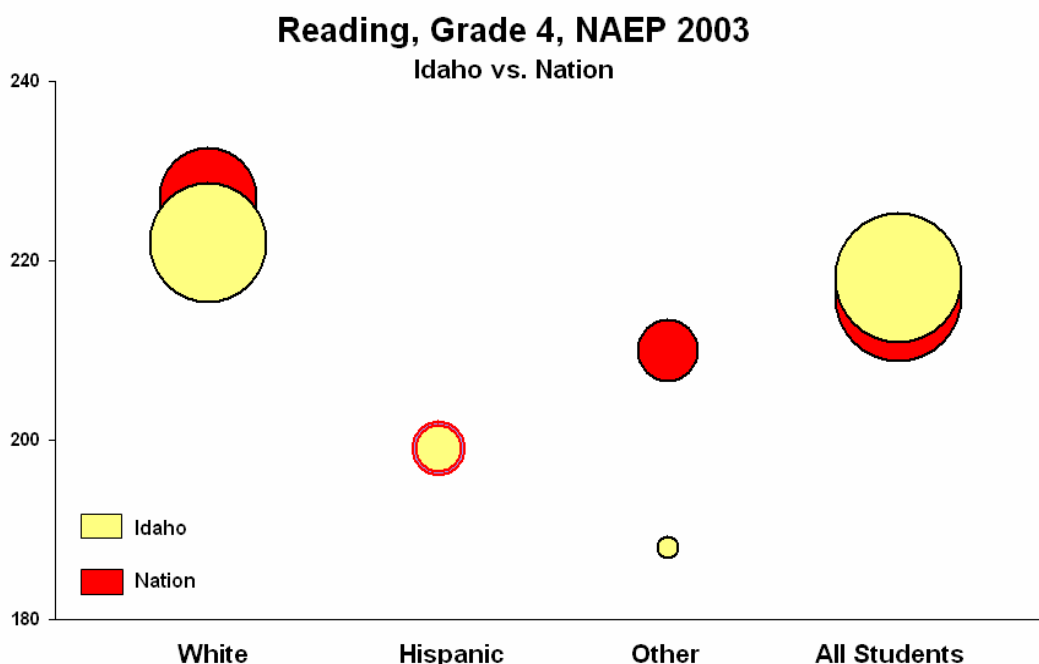
Reading Composite

Idaho NAEP Snapshot

Volume 2003, Number 22

The Reading assessment of the National Assessment of Educational Progress (NAEP) used multiple-choice and constructed-response questions to examine reading comprehension in two contexts: Reading for Literary Experience and Reading to Be Informed. The reading scale scores ranged from 0 to 500, where 208 is a Basic performance, 238 is Proficient, and 268 is Advanced.

Reading Average Scale Scores and Ethnic Group Size (Simpson's Paradox)



Source: National Center for Education Statistics, NAEP 2003

- ♦ On the 2003 reading assessment, Idaho 4th grade students had an average scale score (218) that was not significantly different from their national counterparts (216).
- ♦ On the 2003 reading assessment, Idaho 4th graders who were White had an average scale score (222) that was lower than their national counterparts (227). Eighty-four (84) percent of Idaho's 4th grade students were White, and 59 percent of 4th graders nationwide were White.
- ♦ On the 2003 reading assessment, Idaho 4th graders who were Hispanic had the same average scale score as their national counterparts (199). Thirteen (13) percent of Idaho's 4th grade students were Hispanic, and 18 percent of 4th graders nationwide were Hispanic.

Comparisons are based on statistical tests (.05 level) that consider magnitude of difference and standard errors.

Visit <http://www.sde.state.id.us/naep/> for additional results and more information about Idaho NAEP.

Reading 2003, Grade 8

Reading Composite

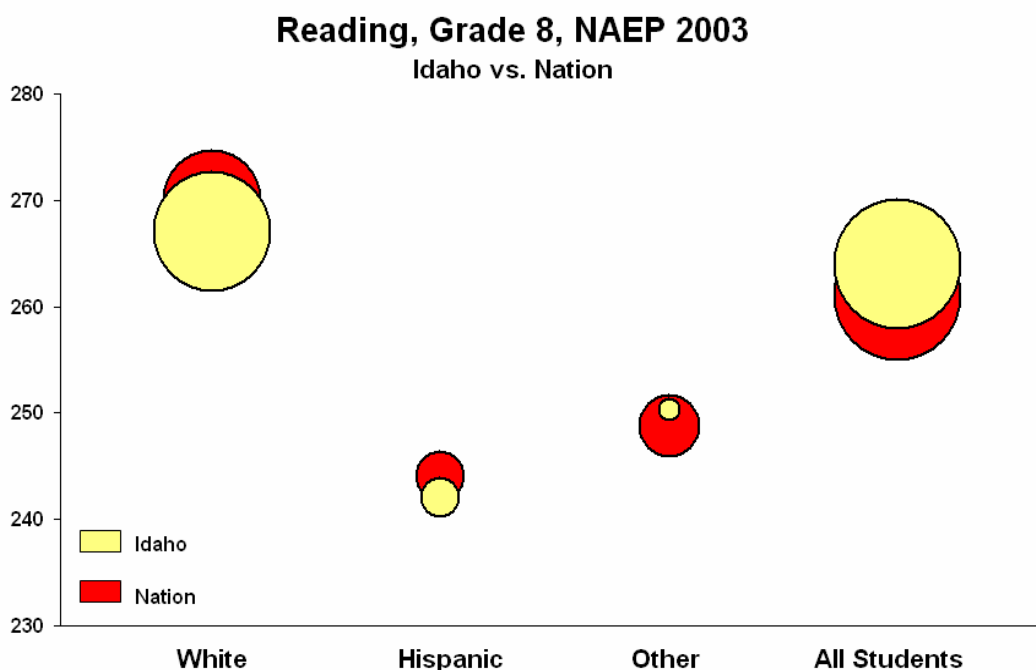


Idaho NAEP Snapshot

Volume 2003, Number 24

The Reading assessment of the National Assessment of Educational Progress (NAEP) used multiple-choice and constructed-response questions to examine comprehension in three contexts: Reading for Literary Experience, Reading to Be Informed, and Reading to Perform a Task. The reading scale scores ranged from 0 to 500, where 243 is a *Basic* performance, 281 is *Proficient*, and 323 is *Advanced*.

Reading Average Scale Scores and Ethnic Group Size (Simpson's Paradox)



Source: National Center for Education Statistics, NAEP 2003

- ♦ On the 2003 reading assessment, Idaho 8th grade students had a higher average score (264) than their 8th grade peers nationwide (261).
- ♦ On the 2003 reading assessment, Idaho 8th graders who were White had a lower score (267) than their national counterparts (270). Eighty-seven (87) percent of Idaho's 8th grade students were White, and 61 percent of 8th graders nationwide were White.
- ♦ On the 2003 reading assessment, Idaho 8th graders who were Hispanic had a score (242) that was not significantly different from their national counterparts (244). Ten (10) percent of Idaho's 8th grade students were Hispanic, and 15 percent of 8th graders nationwide were Hispanic.

Comparisons are based on statistical tests (.05 level) that consider magnitude of difference and standard errors.

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Mathematics 2003, Grade 4

Mathematics Composite

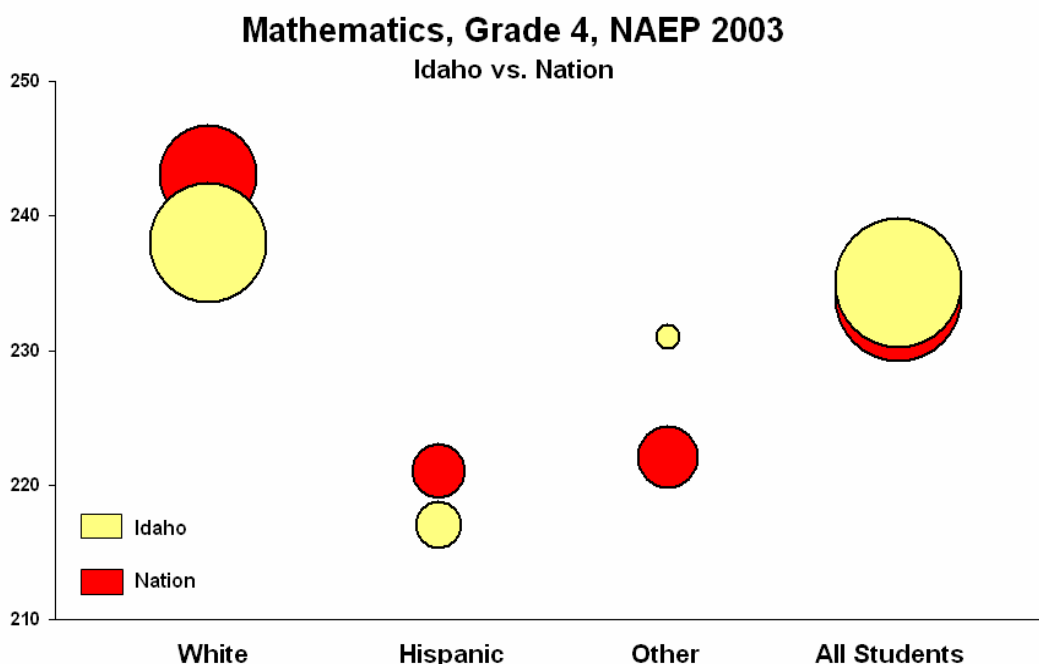


Idaho NAEP Snapshot

Volume 2003, Number 23

The Mathematics assessment of the National Assessment of Educational Progress (NAEP) used multiple-choice and constructed-response questions to examine student skills with number properties and operations, measurement, geometry, data analysis and probability, and algebra. The math scale ranges from 0 to 500, where 214 is a *Basic* performance, 249 is *Proficient*, and 282 is *Advanced*.

Mathematics Average Scale Scores and Ethnic Group Size (Simpson's Paradox)



Source: National Center for Education Statistics, NAEP 2003

- ◆ On the 2003 math assessment, Idaho 4th grade students had an average scale score (235) that was not significantly different from their national counterparts (234).
- ◆ On the 2003 math assessment, Idaho 4th graders who were White had an average scale score (238) that was lower than their national counterparts (243). Eighty-three (83) percent of Idaho's 4th grade students were White, and 58 percent of 4th graders nationwide were White.
- ◆ On the 2003 math assessment, Idaho 4th graders who were Hispanic had an average scale score (217) that was lower than their national counterparts (221). Thirteen (13) percent of Idaho's 4th grade students were Hispanic, and 19 percent of 4th graders nationwide were Hispanic.

Comparisons are based on statistical tests (.05 level) that consider magnitude of difference and standard errors.

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Mathematics 2003, Grade 8

Mathematics Composite

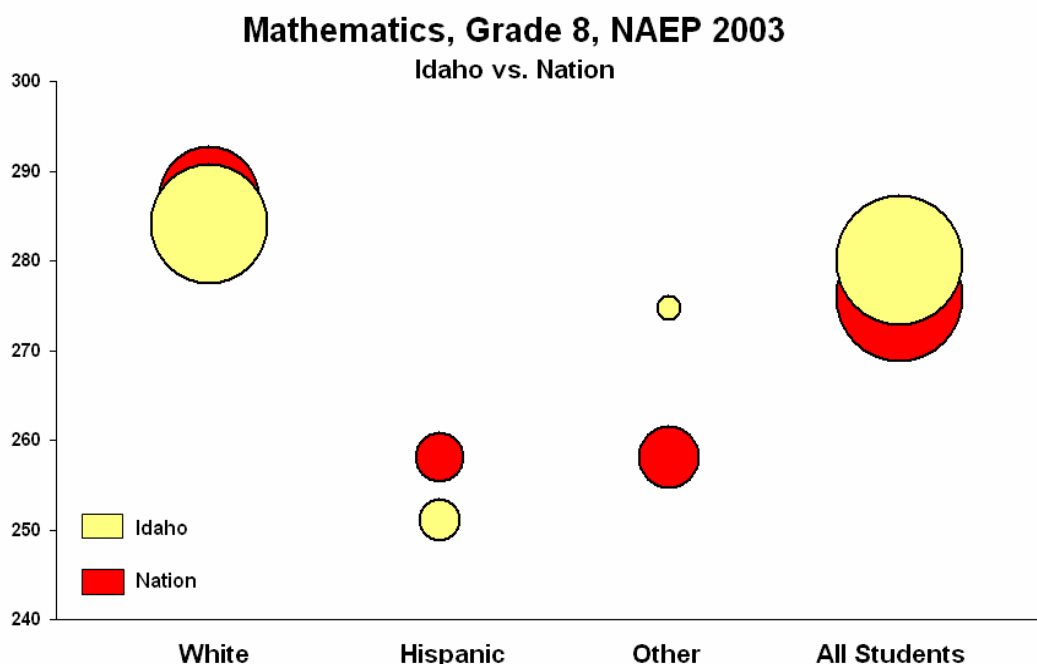


Idaho NAEP Snapshot

Volume 2003, Number 25

The Mathematics assessment of the National Assessment of Educational Progress (NAEP) used multiple-choice and constructed-response questions to examine student skills with number properties and operations, measurement, geometry, data analysis and probability, and algebra. The math scale ranges from 0 to 500, where 262 is a *Basic* performance, 299 is *Proficient*, and 333 is *Advanced*.

Mathematics Average Scale Scores and Ethnic Group Size (Simpson's Paradox)



- ♦ On the 2003 mathematics assessment, Idaho 8th grade students had an average scale score (280) that was higher than their 8th grade peers nationwide (276).
- ♦ On the 2003 mathematics assessment, Idaho 8th graders who were White had a lower average scale score (284) than their national counterparts (287). Eighty-five (85) percent of Idaho's 8th grade students were White, and 62 percent of 8th graders nationwide were white.
- ♦ On the 2003 mathematics assessment, Idaho 8th graders who were Hispanic had a lower average scale score (251) than their national counterparts (258). Eleven (11) percent of Idaho's 8th grade students were Hispanic, and 15 percent of 8th graders nationwide were Hispanic.

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